Information Processing Letters 32 (1989) 331–332
North-Holland

AUTHOR INDEX VOLUME 32 (1989)

(The issue number is given in front of the page number)

Abiteboul, S., M. Gyssens and D. van Gucht, An alternative way to represent the cogroup of a relation in the context of nested databases (6) 317–324
Abiteboul, S., Boundedness is undecidable for Datalog programs with a single recursive rule (6) 281–287
Ahmed, K.U., *see* **Sagar, G.** (3) 151–153
Alblas, H., Optimal incremental simple multi-pass attribute evaluation (6) 289–296
Atallah, M.J. and D.Z. Chen, An optimal parallel algorithm for the minimum circle-cover problem (4) 159–165

Baron, G. and F. Urbanek, Factorial languages with quadratically upper bounded growth functions and nonlinearly upper bounded subword complexities (5) 267–269
Barrington, D.A.M. and J. Corbett, On the relative complexity of some languages in k^1 (5) 251–256
Bern, M. and P. Plassmann, The Steiner problem with edge lengths 1 and 2 (4) 171–176
Bestougeff, H., *see* **Ligozat, G.** (4) 177–182
Biskup, J., Boyce–Codd normal form and object normal forms (1) 29– 33
Blass, A. and Y. Gurevich, On Matijasevitch's nontraditional approach to search problems (1) 41– 45
Boxer, L. and R. Miller, A parallel circle-cover minimization algorithm (2) 57– 60

Chakrabarti, P.P., S. Ghose, A. Pandey and S.C. de Sarkar, Increasing search efficiency using multiple heuristics (Corrigenda) (4) 275
Chen, D.Z., *see* **Atallah, M.J.** (4) 159–165
Chen, G.H., *see* **Chen, Y.C.** (2) 89– 93
Chen, G.H., *see* **Chern, M.-S.** (2) 61– 71
Chen, Y.C., Z.C. Yeh and G.H. Chen, Using fewer processors to reduce time complexities of semigroup computations (2) 89– 93
Chern, M.-S., G.H. Chen and P. Liu, An LC branch-and-bound algorithm for the module assignment problem (2) 61– 71
Cheston, G.A., A. Farley, S.T. Hedetniemi and A. Proskurowski, Centering a spanning tree of a biconnected graph (5) 247–250
Choi, H.K. and M. Kim, Hybrid join: An improved sort-based join algorithm (2) 51– 56
Clouâtre, A., N. Laliberte and T.H. Merrett, A general implementation of relational recursion with speedup techniques for programmers (5) 257–262
Corbett, J., *see* **Barrington, D.A.M.** (5) 251–256
Cull, P. and J.L. Holloway, Computing Fibonacci numbers quickly (3) 143–149

Damaschke, P., The Hamiltonian circuit problem for circle graphs is NP-complete (1) 1– 12
Demolombe, R. and A. Illarramendi, Heuristics for syntactical optimization of relational queries (6) 313–316
de Sarkar, S.C., *see* **Chakrabarti, P.P.** (5) 275
Drysdale, III, R.L. and J.W. Jaromczyk, A note on lower bounds for the maximum area and maximum perimeter k-gon problems (6) 301–303

Eğecioğlu, Ö. and B. Kalantari, Approximating the diameter of a set of points in the Euclidean space (4) 205–211
Ellis, J.A., M. Mata and G. Macgillivray, A linear time algorithm for longest (s, t)-paths in weighted outerplanar graphs (4) 199–204
Everett, H. and A. Gupta, Acyclic directed hypercubes may have exponential diameter (5) 243–245

Farley, A., *see* **Cheston, G.A.** (5) 247–250
Feitelson, D.G. and L. Rudolph, Implementation of a wait-free synchronization primitive that solves n-process consensus (2) 81– 83
Francez, N., Cooperating proofs for distributed programs with multiparty interactions (5) 235–242

Ganapathi, M., *see* **Richardson, S.** (3) 137–142
Ghose, S., *see* **Chakrabarti, P.P.** (5) 275
Gibbons, A.M. and Y.N. Srikant, A class of problems efficiently solvable on mesh-connected computers including dynamic expression evaluation (6) 305–311
Goscinski, A., A synchronization algorithm for processes with dynamic priorities in computer networks with node failures (3) 129–136
Gunther, N., Path integral methods for computer performance analysis (1) 7– 13
Gupta, A., *see* **Everett, H.** (5) 243–245

Gurevich, Y., *see* **Blass, A.** (1) 41– 45
Gyssens, M., *see* **Abiteboul, S.** (6) 317–324

Hagerup, T., Hybridsort revisited and parallelized (1) 35– 39
Harn, L., *see* **Laih, C.S.** (3) 95– 99
Hedetniemi, S.T., *see* **Cheston, G.A.** (5) 247–250
Holloway, J.L., *see* **Cull, P.** (3) 143–149
Huang, S.-T., Termination detection by using distributed snapshots (3) 113–119

Illarramendi, A., *see* **Demolombe, R.** (6) 313–316
Iwano, K., An improvement of Goldberg, Plotkin and Vaidya's maximal node-disjoint paths algorithm (1) 25– 27
Iyengar, S.S., *see* **Sharma, M.B.** (4) 183–186

Janiak, A., Minimization of resource consumption under a given deadline in the two-processor flow-shop scheduling problem (3) 101–112
Jaromczyk, J.W., *see* **Drysdale, III, R.L.** (6) 301–303

Kalantari, B., *see* **Eğecioğlu, Ö.** (4) 205–211
Kemp, R., A one-to-one correspondence between two classes of ordered trees (5) 229–234
Kim, G.C., *see* **Kim, Y.J.** (2) 73– 80
Kim, M., *see* **Choi, H.K.** (2) 51– 56
Kim, Y.J. and **G.C. Kim**, Coordinator: A modification to the monitor concept (2) 73– 80
Kochol, M., Efficient monotone circuits for threshold functions (3) 121–122

Laih, C.S., J.Y. Lee and **L. Harn**, A new threshold scheme and its application in designing the conference key distribution cryptosystem (3) 95– 99
Laliberte, N., *see* **Clouâtre, A.** (5) 257–262
Lee, J.Y., *see* **Laih, C.S.** (3) 95– 99
Ligozat, G. and **H. Bestougeff**, On relations between intervals (4) 177–182
Lingas, A., Voronoi diagrams with barriers and the shortest diagonal problem (4) 191–198
Liu, P., *see* **Chern, M.-S.** (2) 61– 71
Lloyd, E.L., A fast algorithm for finding interlocking sets (1) 47– 50

Macgillivray, G., *see* **Ellis, J.A.** (4) 199–204
Mäkinen, E., On the subtree isomorphism problem for ordered trees (5) 271–273
Mandyam, N.K., *see* **Sharma, M.B.** (4) 183–186
Mata, M., *see* **Ellis, J.A.** (4) 199–204
Matoušek, J., On-line computation of convolutions (1) 15– 16
Merrett, T.H., *see* **Clouâtre, A.** (5) 257–262
Miller, R., *see* **Boxer, L.** (2) 57– 60
Morris, J.M., Well-founded induction and the invariance theorem for loops (3) 155–158

Narasimhan, G., A note on the Hamiltonian circuit problem on directed path graphs (4) 167–170

Padberg, M. and **A. Sassano**, The complexity of matching with bonds (6) 297–300
Pandey, A., *see* **Chakrabarti, P.P.** (5) 275
Plassmann, P., *see* **Bern, M.** (4) 171–176
Proskurowski, A., *see* **Cheston, G.A.** (5) 247–250

Richardson, S. and **M. Ganapathi**, Interprocedural analysis vs. procedure integration (3) 137–142
Roberts, G.H., Another note on recursive ascent (5) 263–266
Rudolph, L., *see* **Feitelson, D.G.** (2) 81– 83

Sagar, G., A.K. Sarje and **K.U. Ahmed**, On module assignment in two-processor distributed systems: A modified algorithm (3) 151–153
Sandhu, R.S., The demand operation in the schematic protection model (4) 213–219
Sarje, A.K., *see* **Sagar, G.**) 151–153
Sarkar, D. and **I. Stojmenović**, An optimal parallel circle-cover algorithm (1) 3– 6
Sassano, A., *see* **Padberg, M.** (6) 297–300
Sharir, M., A note on the Papadimitriou–Silverberg algorithm for planning optimal piecewise-linear motion of a ladder (4) 187–190
Sharma, M.B., S.S. Iyengar and **N.K. Mandyam**, An efficient distributed depth-first-search algorithm (4) 183–186
Shiraishi, S., A parallel algorithm for the maximum 2-chain edge packing problem (6) 277–279
Sistla, A.P., On verifying that a concurrent program satisfies a nondeterministic specification (1) 17– 23
Skiena, S.S., Reconstructing graphs from cut-set sizes (3) 123–127
Srikant, Y.N., *see* **Gibbons, A.M.** (6) 305–311
Stojmenović, I., *see* **Sarkar, D.** (1) 3– 6

Toyama, Y., Fast Knuth–Bendix completion with a term rewriting system compiler (6) 325–328

Urbanek, F., *see* **Baron, G.** (5) 267–269

van den Bos, J., PROCOL: A protocol-constrained concurrent object-oriented language (5) 221–227
van Gucht, D., *see* **Abiteboul, S.** (6) 317–324
Veroy, B.S., Optimal search algorithm for a minimum of a discrete periodic bimodal function (Corrigenda), and Average complexity of divide-and-conquer algorithms (Corrigenda) (6) 329

Wolfram, D.A., Forward checking and intelligent backtracking (2) 85– 87

Yeh, Z.C., *see* **Chen, Y.C.** (2) 89– 93